

ABSTRACT OF THE DISCLOSURE

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The present invention is a stereoscopic display device including a transmissive image reproducing element, two light sources, an optical apparatus to direct the light emitted by one light source towards the right eye and to direct the light emitted by the other light source towards the left eye, and control means for displaying alternately an image for the right eye and an image for the left eye on the image reproducing element, and for activating the source emitting light for the right eye only when the image for the right eye is displayed and for activating the source emitting light for the left eye only when the displayed image is for the left eye. The optical apparatus is a mirror apparatus providing either a converging beam or a parallel beam.